

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L18	1	matrix with quasi with zero and LDPC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 15:27

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	ldpc with check with matrix with unit with quasi with shift with sum with zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:01
L2	0	(ldpc and (check with matrix with unit with quasi with shift with sum with zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:01
L3	0	(ldpc and check and (matrix with unit with quasi with shift with sum with zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:02
L4	0	(ldpc and (matrix with unit with quasi with shift with sum with zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:02
L5	0	matrix with unit with quasi with shift with sum with zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:03
L6	0	matrix with unit with quasi with sum with zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:03
L7	0	matrix with quasi with sum with zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:03
L8	967	matrix with quasi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:04

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L9	35	matrix with quasi with zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 15:27
L10	0	matrix with quasi with zero with unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:04
L11	1	l9 and ldpc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:10
L12	441	ldpc with check with matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:10
L13	124	ldpc with check with matrix with zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:11
L14	0	ldpc with check with matrix with zero with quasi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:11
L15	18	ldpc with check with matrix with zero and quasi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:50
L16	2	"6633856".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/21 14:51
L17	28	("3542756"   "3665396"   "4295218"   "5396518"   "6473010").PN. OR ("6633856").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:52

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system are precisely all the non-**zero** elements of ... for **LDPC** codes, max. its. = 50. weight  
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matrix  $H(X)$  with all entries either binomials, monomials, or zero. Subsequently, we will mainly focus on type-I and type-II QC LDPC given by parity-check ...

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of linear codes is realized to be quasi-cyclic LDPC. Quasi- ... of a parity-check matrix is a zero-matrix, generalizing the difference - by defining ...

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